

What is claimed:

1. A method for producing an identity credence, characterized in that said method comprises the steps of:

constructing a first information packet which comprises identity credence information and biometrics information;

selecting an asymmetric encryption, and digitally ciphering said first information packet with a private key to generate a second information packet; and

storing said second information packet generated by ciphering into a medium to produce said identity credence.

2. A method according to claim 1, wherein said step of digitally ciphering said first information packet with said private key comprises the step of encrypting said first information packet with said private key to generate said second information packet, and wherein said second information packet includes the encrypted first information packet.

3. A method according to claim 1, wherein said step of digitally ciphering said first information packet with said private key comprises the step of performing digital signature on said first information packet with said private key to generate said second information packet, and wherein said second information packet includes both said first information packet and said digital signature.

4. A method according to claim 1, wherein said biometrics information is fingerprint information, eye iris information, eyeground information, or palm print information.

5. A method according to claim 1, wherein said asymmetric encryption is RSA algorithm, Pohlig-Hellman algorithm, Rabin algorithm, ElGamal algorithm, or PGP algorithm.

6. A method according to claim 1, wherein said medium is an IC card, a disk, or a network database.

7. A method according to claim 1, wherein said biometrics information

includes a plurality of information templates.

8. An identity credence, characterized in that, said identity credence comprises:

5 a storage medium for storing a second information packet which is generated by digitally ciphering on a first information packet with a private key of an asymmetric encryption algorithm, wherein said first information packet includes identity information and biometrics information.

10 9. An identity credence according to claim 8, wherein said second information packet includes the information generated by encrypting said first information packet with said private key.

10. An identity credence according to claim 8, wherein said second information packet includes said first information packet and a digital signature which is generated by performing digital signature on said first information packet with said private key.

15 11. An identity credence according to claim 8, wherein said biometrics information is fingerprint information, iris information, eyeground information or palm print information.

20 12. An identity credence according to claim 8, wherein said asymmetric encryption algorithm is RSA algorithm, Pohlig-Hellman algorithm, Rabin algorithm, ElGamal algorithm, or PGP algorithm.

13. An identity credence according to claim 8, wherein said storage medium is an IC card, a disk, or a network database.

14. An identity credence according to claim 8, wherein said biometrics information includes a plurality of the information templates.

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